



### RECOMMENDED PARAMETERS

#### Fabric Types



100% Cotton Dischargeable fabrics

#### Mesh



Count: 80-230T/in (34-90T/cm)  
Tension: 18-35n/cm3

#### Squeegee



Durometer: 60-90-60  
Profile: sharp, square  
Stroke: x1 stroke, medium speed  
Angle: 10-15%

#### Stencil



Water Resistant Emulsion  
Off Contact: 1/16" (2mm)  
Emulsion Over Mesh: 15-20%

#### Flash & Cure



Flash: Not recommended  
Cure: 90 seconds at 330°F (165°C)

#### Pigment Loading



N/A

#### Aquarius™ Additives



Aquarius™ Discharge Activator ZF  
6% Max  
Aquarius™ Softener 1-5%  
Aquarius™ Thickener 0.1-1%

#### Storage



Store in sealed containers 12 months  
from manufacture >40°F (5°C)  
<77°F (25°C)

#### Clean Up



Water & mild detergent

#### Health & Safety



Find SDS information here:  
[www.avient.com/resources/safety-data-sheets](http://www.avient.com/resources/safety-data-sheets) or contact your local CSR

Aquarius™ Bright Discharge White LV ZF is designed to be mixed with Bright Discharge Base to obtain thousands of Pantone® approved colors.

### HIGHLIGHTS

- Bright, opaque discharge white
- New formulation to easy to mix and increase the productivity
- Prints wet on wet for multicolor discharge prints
- Super soft hand feel

### PRINTING TIPS

- Can be used as stand alone white, as a mixing white or as a highlight white
- Use 6% Aquarius™ Discharge Activator ZF. Mix well and leave for 10 minutes to dissolve. Remix immediately prior to adding to the screen. Once activated inks colors should be used within 8 hours to prevent any color change issues. To prevent wastage only activate a small amount of color at a time
- Colors should be made in accordance with Aquarius™ IMS Pantone® mixing system with a maximum of 6% pigment loading to ensure crock performance is maintained
- Use 86-230T/in (34-90T/cm) mesh for best performance and color brightness
- Print with 1/16" or 2mm off contact. Print one stroke
- Clean the stencil area when stopped to prevent screen blockages
- Prints should be cured at 330°F/165°C for 90 seconds. Check the cure temperature at the ink surface
- Test all prints for color fastness and print durability before starting the production run

### COMPLIANCE

- Water based, non PVC, non phthalate
- Visit [www.avient.com/products/screen-printing-inks/zodiac-aquarius](http://www.avient.com/products/screen-printing-inks/zodiac-aquarius) for more information

### PRECAUTIONS

- The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications



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